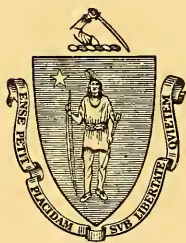


SEVENTY-FIRST ANNUAL REPORT  
OF  
THE TRUSTEES  
OF THE  
MASSACHUSETTS  
SCHOOL FOR THE FEEBLE-MINDED  
AT WALTHAM  
FOR THE  
YEAR ENDING NOVEMBER 30, 1918



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# OFFICERS OF THE MASSACHUSETTS SCHOOL FOR THE FEEBLE-MINDED.

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FRANK G. WHEATLEY, M.D., <i>President</i> ,	.	.	.	NORTH ABINGTON
CHARLES FRANCIS ADAMS,	.	.	.	CONCORD.
FRANCIS J. BARNES, M.D.,	.	.	.	CAMBRIDGE.
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FRANK H. STEWART,	.	.	.	NEWTON.
CHARLES E. WARE, <i>Secretary</i> ,	.	.	.	FITCHBURG.
ROGER S. WARNER,	.	.	.	BOSTON.

## Resident Officers.

WALTER E. FERNALD, M.D.,	.	.	.	<i>Superintendent.</i>
ANNA M. WALLACE, M.D.,	.	.	.	<i>Senior Assistant Physician.</i>
EDITH E. WOODILL, M.D.,	.	.	.	<i>Senior Assistant Physician.</i>
C. STANLEY RAYMOND, M.D.,	.	.	.	<i>Senior Assistant Physician.</i>
L. MAUDE WARREN, M.D.,	.	.	.	<i>Assistant Physician.</i>
AUGUSTA DAMRELL,	.	.	.	<i>Matron.</i>
WINIFRED V. RICHMOND,	.	.	.	<i>Psychologist.</i>
MARY F. MORAN,	.	.	.	<i>Principal Teacher.</i>
CLARA B. ELLIS,	.	.	.	<i>Director of Physical Training.</i>
HANNAH RANDALL,	.	.	.	<i>Music Teacher.</i>
JOHN F. DONNELL,	.	.	.	<i>Supervisor at Templeton Colony.</i>
NEMA TOWER,	.	.	.	<i>Bookkeeper.</i>
ADDIE M. WILDER,	.	.	.	<i>Dietitian.</i>

## MEMBERS OF THE CORPORATION.

---

- Charles Francis Adams, Concord.  
Mrs. Esther M. Andrews, Brookline.  
Dr. F. W. Anthony, Haverhill.  
Francis J. Barnes, M.D., Cambridge.  
Miss Mary Bartol, Lancaster.  
John L. Bates, Boston.  
Charles P. Bowditch, Jamaica Plain.  
Walter P. Bowers, M.D., Clinton.  
Rev. Timothy Brosnahan, Waltham.  
Miss Ida Bryant, Boston.  
Hermon C. Bumpus, Medford.  
Philip Cabot, Boston.  
Thomas N. Carver, Cambridge.  
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Elbridge G. Cutler, M.D., Boston.  
Mrs. Alice T. Damrell, Boston.  
Francis H. Dewey, Worcester.  
J. E. Donovan, Greenfield.  
Rev. C. R. Eliot, Boston.  
Edw. W. Emerson, M.D., Concord.  
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Mrs. Dorothy Hovey, Dover.  
Clarence B. Humphreys, Boston.  
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- John Lowell, Boston.  
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Frederick Goddard May, Boston.  
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Mrs. Emily M. Morison, Boston.  
Edwin Mulready, Rockland.  
Mrs. Elizabeth D. Nash, Greenfield.  
Frederick H. Nash, Weston.  
Gilman Osgood, M.D., Rockland.  
Mrs. Mabel Osgood, Rockland.  
Miss Eleanor S. Parker, Brookline.  
Rev. Charles E. Park, Boston.  
Herbert Parker, Lancaster.  
Mrs. Anna May Peabody, Boston.  
Frederick W. Peabody, Boston.  
Mrs. Elizabeth B. Perkins, Boston.  
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Richard M. Saltonstall, Boston.  
Charles S. Sargent, Brookline.  
Rev. M. J. Scanlon, Boston.  
Mrs. Ruth G. Sessions, Northampton.  
Fred'k C. Shattuck, M.D., Boston.  
George B. Shattuck, M.D., Boston.  
Benj. F. Spinney, Lynn.  
Henry R. Stedman, M.D., Brookline.  
Frank H. Stewart, Newton.  
Mrs. Helen G. Swan, Brookline.  
Mrs. Annie P. Vinton, Boston.  
Gilman Waite, Baldwinville.  
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Mrs. Harriet P. Ware, Fitchburg.  
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Joseph B. Warner, Boston.  
Roger S. Warner, Boston.  
C. Minot Weld, Boston.  
Stephen M. Weld, Dedham.  
F. G. Wheatley, M.D., N. Abington.  
Mrs. Nellie J. Wheatley, N. Abington.  
Mrs. Edith Prescott Wolcott, Boston.  
Henry A. Wood, M.D., Waltham.  
Miss Caroline Yale, Northampton.

# The Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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MASSACHUSETTS SCHOOL FOR THE FEEBLE-MINDED,  
WAVERLEY, Dec. 1, 1918.

*To the Corporation, His Excellency the Governor, the Legislature and the Commission on Mental Diseases.*

The trustees have the honor to present their annual report for the year ending Nov. 30, 1918.

We have now 1,698 inmates, of whom 1,393 are at Waverley and 305 at Templeton. The exact number present, however, on the thirtieth day of November, deducting those absent from the school on a visit home or for other reasons, was 1,491, of whom 1,209 were at Waverley and 282 were at Templeton. For the details of the different classes, admissions, discharges and deaths we refer you to the superintendent's report, submitted herewith.

As stated in our last annual report a petition and proposed bill were filed with the Legislature of 1918 to make the organization of the school conform to the anti-aid amendment of the Constitution of the Commonwealth. The bill was passed and became chapter 19 of the Special Acts of 1918, and thereafter the trustees elected by the corporation for 1918 were confirmed in their offices by appointment of the Governor.

With the exception of the influenza epidemic, which visited the school with terrific force in October, the health of the inmates has been as good as in the average year.

The crops at Waverley as well as at Templeton have been prolific. Without attempting to enumerate the quantities of

the different products, the result has been enough to enable us to can large quantities of perishable fruits and vegetables. We were authorized to install a canning establishment, and the wisdom of the move is shown in the result of one year's use.

The school has, in a measure, felt the effects of this eventful year. It has contributed 23 from its attendants and former inmates, to take part in military service. The result has been greatly increased responsibility for the officers and added labors for the remaining attendants.

Near the end of the year the influenza epidemic broke out in full force. It lasted for about five weeks. There were 833 cases (65 cases of pneumonia) in the institution out of a population of 1,481. It was not surprising that 85 deaths occurred among the feebler inmates, as well as the death of 2 nurses; and when the limited opportunities for isolation are considered, it is remarkable that there were not more. In the North building alone 30 out of 121 inmates died. It really speaks well for the general health and power of resistance of the average feeble-minded inmate. It seems to us a strong argument for a life of regular habits and defined duties.

Too great credit cannot be given the loyal body of attendants and officers who, all through that trying time, devoted themselves unfalteringly and effectively to their helpless charges. They remained loyally at their posts, and performed duties which only that devoted band of doctors and nurses throughout the United States who took part in that life and death struggle can estimate and really appreciate. All honor to them. The trustees take this public opportunity to express their thanks and the gratitude of the Commonwealth for their noble service.

The heavy death rate which has been expected for years came this year, but it came from an unexpected cause. However, it took the class that would have been expected to succumb to any attack.

The approval of the Legislature was obtained to our request for an appropriation of \$25,000 for a spur track to bring our coal from the main line of the Boston & Maine Railroad to a new trestle on the school grounds at the foot of the hill.



The completion and equipment of the clinic rooms in the basement of the new recreation building is a great addition to the efficiency of the school. The dental work for the inmates done there is most valuable, and with the services provided by the Tufts College Dental School saves the Commonwealth much expense.

CHARLES FRANCIS ADAMS.

FRANCIS J. BARNES.

HERMON C. BUMPUS.

THOMAS N. CARVER.

FRANCIS H. DEWEY.

EDWARD W. EMERSON.

LUCIA L. JAQUITH.

FREDERICK H. NASH.

FRANK H. STEWART.

CHARLES E. WARE.

ROGER S. WARNER.

FRANK G. WHEATLEY.

## SUPERINTENDENT'S REPORT.

*To the Trustees of the Massachusetts School for the Feeble-minded.*

I hereby submit the following report for the year ending Nov. 30, 1918: —

	Males.	Females.	Total.
Number enrolled Nov. 30, 1917, . . . . .	1,109	669	1,778
Number actually present Nov. 30, 1917, . . . . .	980	643	1,623
Admissions during the year, . . . . .	118	54	172
School cases, . . . . .	50	15	65
Custodial cases, . . . . .	68	39	107
Whole number during the year, . . . . .	1,227	723	1,950
Discharged during the year, . . . . .	97	28	125
Deaths during the year, . . . . .	82	45	127
Number enrolled Nov. 30, 1918, . . . . .	1,048	650	1,698
Number actually present Nov. 30, 1918, . . . . .	880	611	1,491
State patients, . . . . .	875	604	1,479
Private patients, . . . . .	5	7	12
Daily average number of patients actually present, . . . . .	941	625	1,566
Number actually present Nov. 30, 1918: —			
At school, . . . . .	598	611	1,209
At colony, . . . . .	282	—	282
Applications during year, . . . . .	—	—	280

*Admissions.* — Of the 172 admissions 80 were of the moron class, with a mentality of from eight to eleven years; 61 were of the imbecile class, with a mentality of from three to seven years; 27 were idiots, with a mentality of two years or less; and 3 of the total number were not tested. Of the admissions 30 were females over fourteen years of age; 41 were males over fourteen; 6 of the females had borne illegitimate children; 4 were pregnant when admitted; 2 women were married and had

borne children; 12 of the female patients over fourteen years of age and 1 girl of twelve had gonorrhea when admitted. Of the admissions 3 were cases of spastic paralysis; 10 were of the Mongolian type of idiocy; 1 was hydrocephalic; 2 were cases of sporadic cretinism; 3 were blind; 1 was a deaf mute; 3 were epileptics; 6 were admitted for observation and diagnosis; 5 came from the Boston Juvenile Court, and 14 from other courts; 3 were transferred from other institutions; 8 were readmissions.

*Discharges.* — Of the 125 patients discharged 78 were taken away by friends or were not returned from visit; 2 died while at home on visit and 1 died while at the Massachusetts Eye and Ear Infirmary for treatment; 2 were taken out of the State to live; 12 runaways were discharged because they had been absent more than one year; 3 patients were transferred to the Wrentham State School, 5 to the Monson State Hospital, and 18 were committed to State hospitals for the insane; 3 cases temporarily admitted for observation and diagnosis were discharged, — 1 as not feeble-minded and unsuitable for this institution, and 2 for further trial in the community; 1 patient was discharged and recommitted, as there had been some question as to the legality of the first commitment.

*Health.* — There has been an unprecedented amount of serious illness during the year. Seventeen patients and 5 employees had diphtheria, and all recovered. Twenty-seven carriers of the diphtheria bacilli were in quarantine for long periods, — one patient was in quarantine for six months before a negative culture could be obtained. There were 69 cases of measles, with 3 deaths resulting; 42 cases of mumps; and 5 cases of scarlet fever, with 1 death.

On September 17 the first case of influenza appeared at the school. The disease rapidly spread over the entire institution. In all 778 patients and 55 employees were attacked, and 85 patients and 2 nurses died. This means that more than one-half of the school population at Waverley were seriously ill, practically at the same time. In the West building, with 204 feeble idiotic patients, 189 were ill at one time, with only 5 employees to care for them, prepare food, and do the necessary housework. We had 65 cases of pneumonia, with 49 deaths.

At the beginning of the epidemic there were 124 employees less than the required number. It was impossible to secure additional nurses and employees. The splendid esprit de corps of our loyal officers and employees gave them strength to meet the emergency, and they worked day and night, with no time for rest and little for sleep. Every officer and teacher became a nurse, and gave unremitting personal service to the sick. Every employee eagerly volunteered for the most disagreeable duties. The nature of the disease and the low mentality of many of the patients made this service difficult and dangerous. The older patients who were not themselves ill eagerly and efficiently assisted in the care of their sick comrades. Indeed, but for this help of the patients we could not have properly cared for the sick people.

The two brave nurses who died, Miss Maud Snook and Mrs. Olive Daniels, contracted the disease in caring for the patients, and worked until they were themselves seriously ill. Their work, and the work of the entire staff, expressed the highest type of heroism, comparable only to that of the brave soldiers in the battlefield.

The disease was most severe and fatal among the adolescents and adults of low mentality and feeble body. Many of these died within a day or two after being attacked. The epidemic subsided as suddenly as it began, leaving many of the survivors in greatly weakened condition.

The colony at Templeton was absolutely quarantined, and no cases appeared there.

*Deaths.* — There were 130 deaths during the year, including 2 who died while at home on visit, and 1 who died at the Eye and Ear Infirmary in Boston. This death rate is more than three times as large as any previous annual death rate, but excluding the deaths from influenza, the rate was little larger than in previous years. Of the 127 deaths at the institution, 47 were of influenza and broncho-pneumonia, 31 of influenza, 2 of influenza and pseudo-muscular hypertrophy, 2 of influenza and enteritis, 1 of influenza and epilepsy, 1 of influenza and chronic endocarditis, 1 of influenza and cerebrospinal meningitis; 7 were of pulmonary tuberculosis, 1 each of abdominal tuber-

culosis, tubercular enteritis and tuberculosis of the spine; 2 each of broncho-pneumonia and valvular heart disease, broncho-pneumonia, organic brain disease, cerebral hemorrhage, chronic parenchymatous nephritis, lobar pneumonia and measles, and 1 each of chronic myocarditis, acute myocarditis and chronic valvular heart disease, acute myocarditis and chronic rheumatism, chronic endocarditis, chronic valvular heart disease, gastroenteritis, acute enteritis, peritonitis, gastric ulcer, bronchitis, abscess of lung, œdema of larynx, epilepsy, epilepsy and broncho-pneumonia, measles and broncho-pneumonia, pellagra and senility.

*Out-patient Mental Clinics.* — The staff of the school has continued the out-patient clinics at the school at Waverley every Thursday, and at Worcester, Fall River, New Bedford and Newton once each month during the school year. The clinics in the cities mentioned have been closely co-ordinated with the public school work, and have been held in the rooms of the school committees. In each city we have been able to examine only a few of the pupils who were candidates for examination. No clinics were held during the epidemic of influenza. Six other cities have made requests for similar clinics. During the year advice was sought in these clinics for 966 persons.

Patients are presented at these clinics for diagnosis, prognosis and advice as to care and treatment. The advice given has probably enabled many persons to be cared for at home safely and wisely who otherwise would be sent to institutions at public expense. If similar clinics were available all over the State, and if there were properly qualified and authorized officials to continue to advise and supervise these extra-institutional defectives many of them could be fitted and enabled to live safely at home, and many of the present inmates of our institutions could safely be given their liberty during good behavior, under supervision. It is to be regretted that the last Legislature did not pass the bill providing for the commitment to the custody of the State Commission on Mental Diseases of those recognized defectives who are not otherwise properly cared for. Such provision would permit the liberty of many persons at small cost who otherwise must be supported by the



public in expensive institutions. We now know that while many defectives are inherently vicious and anti-social, many others are harmless and even useful members of society.

Properly administered extra-institutional supervision would provide custodial care for the bad defectives, and freedom for those who can conduct themselves properly in the community.

The demand for additional out-patient mental clinics indicates the need of one or more traveling clinics, perhaps connected with existing institutions, — each with a staff consisting of a psychiatrist, a psychologist, a social worker and a stenographer. This clinical group could be assigned to hold clinics in the various cities and towns at regular intervals, and would be available for the service of school officials, the courts and various social workers. In this way the most remote parts of the State could have expert advice at short notice. The diagnosis of feeble-mindedness calls for expert knowledge and skill, not easily available under present conditions except in the larger cities. During the past year one city requested our staff to examine one group of over 90 children who were presumably feeble-minded. Another city wanted 80 similar children examined at one time. These demands illustrate the modern tendency to study and treat problems of school failure, truancy, incorrigibility, juvenile criminality, etc., from the standpoint of the mental capacity and degree of responsibility of the individual.

*Self-supporting Defectives.* — It has long been assumed that a feeble-minded person could not support himself independently. The war has taught us that this is not a static problem, for scores of our former patients are now working for high wages. Some of these boys have been receiving \$18, \$20, \$25, \$30 and even \$38 per week. The demand for labor has been so great that employers have learned to provide the constant supervision that makes a producer even of a feeble-minded boy. Practically every able-bodied boy of fifteen years or over who went home this summer for a vacation is still at home steadily working for good wages. So many of our male patients have been kept at home to work that our industries have been greatly reduced. Nearly all of our milkers, for instance, went home at one time. We have few painters, teamsters, etc.,

left. Many of the boys make regular visits to the school, and are clean, well-dressed, and bear themselves with dignity and evident self-respect.

There is a strong suspicion that in the past the difficulty of getting work, and the resulting idleness, has had much to do with the anti-social behavior of the feeble-minded, at least of the male feeble-minded.

The wage-earning possibilities of the feeble-minded after the war probably will depend upon the amount of immigration and the general economic situation. At the present time the courts are not committing defectives who are earning good wages and are behaving themselves.

*Boys in the Service.* — Forty-seven of our former patients are or have been in the United States military or naval service during the war. Nearly all of them have been sent overseas. Some of them were at Château-Thierry and other battles, and several have been severely wounded. One boy, who was very troublesome at the school, has been a corporal in France, with the first troops that went over. He proudly sent us a letter from his captain saying that he was a good soldier.

*Employees in the Service.* — Twenty-three of our employees are also on our "Roll of Honor," being in the service of their country, — in the army or navy.

*Shortage of Employees.* — It has been impossible to secure a sufficient number of employees at any time during the year. At the present time our employees' roster is 53 less than the required number. This shortage has compelled much harder work and longer hours for every person employed. As a result our usual standards of care and training have not been maintained, and the material and business efficiency of the institution has been temporarily lowered. It has been almost impossible to employ suitable attendants, domestics, farmers, engineers and other mechanics to replace the employees who have entered the military or naval service, or who have been allured elsewhere by the prevailing high wages.

With dismay we have seen the gradual disappearance of the splendid staff personnel built up in former years.

*Current Expenditures.* — The current expenditures for the year amounted to \$447,506.53 (or \$449,133.53, including a special appropriation of \$1,627 for sewage disposal), or \$5.6383

per capita per week. We estimated on an average number of 1,620 patients, but the actual average number present for the year was 1,566, owing to the large numbers taken out for vacation during the summer, and to the quarantine during the influenza epidemic.

*Renewals and Repairs.* — In the administration building the wooden floors in the first-floor corridor, the wooden sheathing in all the halls and stairways, and four oil-soaked wooden stairways have been replaced by concrete or terrazzo floors, plastered brick walls, and cement-terrazzo stairs enclosed in a fireproof well, with iron fire doors on each floor.

The large amount of repairs and renewals needed annually have not been kept up as in former years on account of the shortage of employees, the lack of attendants to supervise the boys at their work, the high cost of paints, oils, hardware and other materials. The result is that many of our buildings are in shabby condition.

*Farm Production.* — The shortage of help on the farm was most acute. There were only 3 or 4 men to cultivate the 30 acres of cultivated land, drive the teams, haul the coal, bring freight from Waverley, care for the stock, etc., where in former years we had 10 or 12 men to do the work. But the few men available worked long hours, and the boys, under the direction of one of the physicians, did more work than ever before; and, for the first time, the female patients, supervised by the women physicians and attendants, weeded and cultivated and harvested the garden crops which are so important a part of our food supply. Some days over 100 girls and women were happily and healthfully at work in the gardens and fields. These happy "farmerettes" were very proud and conscious of helping to "win the war" by the direct creation of food products in very large quantities.

The total value of the farm products for the year at Waverley and at Templeton Colony was \$108,093.13. The items are as follows: —

Milk (531,991 quarts), valued at . . . . .	\$47,879 19
Eggs (1,281 $\frac{3}{4}$ dozen), valued at . . . . .	794 69
Asparagus (7 boxes), valued at . . . . .	31 50
Beans, string (666 bushels), valued at . . . . .	999 00
Beans, dry (761 $\frac{3}{4}$ bushels), valued at . . . . .	5,903 56



Beans, shell (779 bushels), valued at . . . . .	\$779 00
Beets (892 bushels), valued at . . . . .	669 00
Beet greens (665 bushels), valued at . . . . .	298 25
Cabbage (60 tons), valued at . . . . .	780 00
Carrots (2,707 bushels), valued at . . . . .	2,165 60
Cauliflower (1 bushel), valued at . . . . .	80
Chard, Swiss (4,230 bushels), valued at . . . . .	1,692 00
Corn, sweet (4,166 bushels), valued at . . . . .	3,332 80
Cucumbers (353 $\frac{3}{4}$ boxes), valued at . . . . .	353 75
Dandelions (94 bushels), valued at . . . . .	32 90
Kale (258 bushels), valued at . . . . .	77 40
Kohl-rabi (204 $\frac{1}{2}$ bushels), valued at . . . . .	102 25
Lettuce (507 $\frac{1}{4}$ boxes), valued at . . . . .	126 81
Onions (1,132 bushels), valued at . . . . .	905 60
Parsley (42 $\frac{1}{2}$ bushels), valued at . . . . .	14 88
Peas, green (60 $\frac{1}{4}$ bushels), valued at . . . . .	96 40
Pumpkins (19,561 hundred weight), valued at . . . . .	147 71
Radish (524 $\frac{3}{8}$ bushels), valued at . . . . .	262 17
Rhubarb (16,598 pounds), valued at . . . . .	165 98
Squash, summer (2,671 pounds), valued at . . . . .	200 39
Squash, winter (489.68 hundred weight), valued at . . . . .	734 52
Tomatoes (1,174 bushels), valued at . . . . .	880 50
Turnips (3,107 $\frac{1}{2}$ bushels), valued at . . . . .	2,486 00
Apples, firsts (864 barrels), valued at . . . . .	4,101 00
Apples, seconds (126 barrels), valued at . . . . .	472 50
Apples, crab (9 bushels), valued at . . . . .	40 50
Cherries (86 quarts), valued at . . . . .	10 32
Currants (49 quarts), valued at . . . . .	4 90
Plums (4 bushels), valued at . . . . .	4 00
Blackberries (32 $\frac{1}{2}$ quarts), valued at . . . . .	6 50
Blueberries (1,045 quarts), valued at . . . . .	209 00
Strawberries (1,574 quarts), valued at . . . . .	283 32
Raspberries (2,211 $\frac{1}{2}$ quarts), valued at . . . . .	442 30
Ensilage corn (300 tons), valued at . . . . .	1,950 00
Stover corn (76 tons), valued at . . . . .	684 00
Shell corn (1,952 bushels), valued at . . . . .	3,416 00
Green fodder (105 tons), valued at . . . . .	682 50
Hay (190 $\frac{1}{4}$ tons), valued at . . . . .	4,185 50
Oats (305 bushels), valued at . . . . .	259 25
Straw (13 tons), valued at . . . . .	130 00
Potatoes (4,609 $\frac{1}{2}$ bushels), valued at . . . . .	6,914 25
Wood (860 cords), valued at . . . . .	8,600 00
Beef (1,073 pounds), valued at . . . . .	153 49
Veal (192 pounds), valued at . . . . .	43 20
Pork (7,145 pounds), valued at . . . . .	1,643 35
Chicken (11 $\frac{3}{4}$ pounds), valued at . . . . .	5 05
Fowl (210 $\frac{1}{4}$ pounds), valued at . . . . .	77 79

Hides (363 pounds), valued at . . . . .	\$51 45
Calves sold (58), valued at . . . . .	610 31
Cow sold (1), valued at . . . . .	45 00
Ice (330 tons), valued at . . . . .	1,155 00
	<hr/>
	\$108,093 13

*Canning Plant.* — In addition to the farm products already consumed and those now in storage for winter use, large quantities of fruit and vegetables were preserved, pickled or canned for future consumption. The new well-equipped canning plant at Waverley was successfully put in operation. The female patients took the greatest interest in this work, and have also felt great pride in helping "win the war" by a large scale food conservation.

Among the products canned were the following: —

3,580 quarts shell beans.	102 quarts blueberries.
3,318 quarts corn.	277 glasses crab apple jelly.
3,031 quarts tomatoes.	178 glasses apple jelly.
1,616 quarts string beans.	69 glasses spiced apple jelly.
505 gallons apples.	53 glasses grape jelly.
265 gallons squash.	20 glasses currant jelly.
470 quarts rhubarb.	29 barrels cucumber pickles.
386 quarts crab apples.	27 barrels Swiss chard, salted.
382 quarts carrots.	6 barrels sliced tomato pickle.
219 quarts raspberries.	5 barrels string beans, salted.
200 quarts pears.	4 barrels onions, pickled, etc.
147 quarts strawberries.	

*Special Appropriations.* — The last Legislature granted special appropriations as follows: —

Canning plant at Templeton, . . . . .	\$1,000
Hay barn at Templeton, . . . . .	3,500
Sidetrack for coal delivery, . . . . .	25,000

The canning plant at Templeton — of large capacity, with high-pressure steam retort, steam kettle, corn cutter and other appliances — was completed ready for use within the sum appropriated.

The concrete hay barn was begun and the foundation and floor erected, but the shortage of employees prevented the completion of the building this year. We hope to complete this building during the coming year.

The sidetrack for coal and other freight delivery awaits the completion of negotiations for securing the proper right of way.

*Templeton Colony.* — The shortage of help has distinctly limited the material results of the year's work at the colony. At the Brook Colony, where the usual force of employees consisted of the matron and supervisor, 3 women and 2 men attendants, there are at the present time only the matron and the supervisor. The situation at the other colonies is almost as critical. The boys have been given good care and have been happy and well. They have done splendid work and have raised large crops, but the lack of sufficient attendants for supervision has prevented the usual clearing of wild land, and has limited the amount of other developmental work. The employees at the colony have uncomplainingly and efficiently done at least double the amount of work they ought to be expected to do, with almost no time for rest or recreation. If this condition continues it will be impossible to maintain the former standards of care and efficiency.

This report may well be closed with the following from last year's report: —

Our present knowledge as to the number of uncared-for feeble-minded in the State, and their relation to immorality, pauperism, crime and prostitution, and other social problems, shows the need of the following conditions to adequately meet the present needs: —

1. Some definite State authority should have friendly guidance of all mental defectives in the State who are not adequately cared for by their friends. Those who can lead wholesome, harmless lives in the community should be allowed to do so.

2. This central authority should have authority to safeguard in institutions those who need such institutional care.

3. There should be a State-wide census of the feeble-minded.

4. There should be clinics for mental examinations within easy access of all parts of the State.

5. There should be required extension of special classes for mental defectives in the public schools.

6. There should be special treatment by the courts of defective delinquents, and suitable institutional provision for this class.

7. The third school for the feeble-minded should be developed as rapidly as possible.

WALTER E. FERNALD, M.D.,

*Superintendent.*

## REPORT OF THE TREASURER OF THE CORPORATION.

MASSACHUSETTS SCHOOL FOR THE FEEBLE-MINDED IN ACCOUNT WITH  
FREDERICK H. NASH, TREASURER OF THE CORPORATION FUNDS,  
FOR THE YEAR ENDING NOV. 30, 1918.

### *Receipts.*

Balance on hand Nov. 30, 1917, . . . . .	\$892 97
Income from invested funds, . . . . .	2,002 12
	<hr/> \$2,895 09

### *Payments.*

Auditor, . . . . .	\$25 00
Rent of safe, . . . . .	10 00
Clerical services, . . . . .	251 56
Automobile liability insurance, . . . . .	56 90
Printing annual reports, . . . . .	47 71
Printing Waverley researches, etc., . . . . .	916 80
Second installment on \$1,000 Liberty Bond, . . . . .	400 00
Final payment on \$1,000 Liberty Bond, . . . . .	404 02
First installment on \$1,000 Liberty Bond, . . . . .	100 00
Second installment on \$1,000 Liberty Bond, . . . . .	200 00
	<hr/> \$2,411 99
Balance on hand Nov. 30, 1918, . . . . .	483 10
	<hr/> \$2,895 09

### *Invested Funds Nov. 30, 1918.*

Bonds, Boston & Maine 4s, . . . . .	\$2,000 00
Bonds, Illinois Central 4s, . . . . .	6,000 00
Bonds, Nashua Street Railway 4s, . . . . .	5,000 00
Bonds, Chicago, Burlington & Quincy 4s, Ill. Div., . . . . .	4,000 00
Bonds, Baltimore & Ohio 3½s, . . . . .	10,000 00
Bonds, Union Pacific 4s, . . . . .	4,000 00
Bonds, Chicago, Burlington & Quincy 4s, Gen. Mtg., . . . . .	2,000 00
Bonds, American Telephone and Telegraph Company 4s, . . . . .	5,000 00
Coll. Trust, . . . . .	5,000 00

Bonds, Chicago & Northwestern 4s, Gen. Mtg., . . .	\$2,000 00
Bonds, Puget Sound Power Company 5s, . . .	3,000 00
Bonds, City of Boston 4s, registered, . . .	5,000 00
Bonds, \$1,000 United States Liberty, . . .	1,000 00
8 shares State Street Trust Company, . . .	800 00
50 shares Trimountain Trust, . . .	5,000 00
Chicago, Milwaukee & St. Paul 4½s, . . .	1,000 00
Liberty Bond, . . .	300 00
	<hr/>
	\$56,100 00
Cash in Boston Safe Deposit and Trust Company, . . .	483 10
	<hr/>
	\$56,583 10

Respectfully submitted,

FREDERICK H. NASH,

*Treasurer.*

BOSTON, MASS., Jan. 14, 1919.

*To the Trustees of the Massachusetts School for the Feeble-minded.*

GENTLEMEN: — I have examined the books of the treasurer of your Board for the fiscal year ending Nov. 30, 1918.

I find the receipts duly entered on the cash book and all payments are entered on the same and proper vouchers are on file.

The balance "cash on hand" agrees with the account as shown by the certificate of the bank Dec. 1, 1918.

I have made a personal examination of the securities in the safe deposit box of the Boston Safe Deposit and Trust Company and find them as listed by your treasurer.

Respectfully submitted,

FRANK E. ORCUTT,

*Auditor.*



## TREASURER'S REPORT.

*To the Trustees of the Massachusetts School for the Feeble-minded.*

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1918:—

### CASH ACCOUNT.

Balance Dec. 1, 1917,	. . . . .	\$11,229 45
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### *Receipts.*

#### *Institution Receipts.*

#### Board of inmates:—

Private,	. . . . .	\$5,303 26
Reimbursements, charitable,	. . . . .	3,328 10

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\$8,631 36

#### Sales:—

Travel, transportation and office expenses,	. . . . .	\$265 66
Food,	. . . . .	332 73
Clothing and materials,	. . . . .	447 14
Furnishings and household supplies,	. . . . .	5 45
Medical and general care,	. . . . .	8 47
Heat, light and power,	. . . . .	229 32
Farm and stable:—		
Cows and calves,	\$708 33	
Hides,	61 62	
Sundries,	82 07	

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852 02

Repairs, ordinary,	. . . . .	60 80
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2,201 59

#### Miscellaneous receipts:—

Interest on bank balances,	. . . . .	427 51
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11,260 46

#### *Receipts from Treasury of Commonwealth.*

#### Maintenance appropriations:—

Balance of 1917,	. . . . .	\$2,486 36
Advance money (amount on hand November 30),		20,000 00
Approved schedules of 1918,	\$408,401 16	
Less returned,	32 05	

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408,369 11


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430,855 47

Special appropriations,	. . . . .	2,913 54
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Total,	. . . . .	\$456,258 92
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*Payments.*

To treasury of Commonwealth: —		
Institution receipts,		\$11,260 46
Maintenance appropriations: —		
Balance November schedule, 1917,	\$13,715 81	
Eleven months' schedules, 1918,	408,369 11	
November advances,	15,331 37	
		<hr/> 437,416 29
Special appropriations: —		
Approved schedules,		2,913 54
Balance Nov. 30, 1918: —		
In bank,	\$2,509 54	
In office,	2,159 09	
		<hr/> 4,668 63
Total,		<hr/> \$456,258 92

## MAINTENANCE.

Appropriation, current year,	\$451,352 00
Balance from previous year brought forward,	243 73
	<hr/>
Total,	\$451,595 73
Expenses (as analyzed below),	449,133 53
	<hr/>
Balance reverting to treasury of Commonwealth,	\$2,462 20

*Analysis of Expenses.*

Salaries, wages: —		
Walter E. Fernald, superintendent,	\$5,000 00	
General administration,	31,704 54	
Medical service,	10,439 61	
Ward service (male),	8,307 67	
Ward service (female),	60,713 16	
Repairs,	13,375 48	
Farm and stable,	14,905 11	
		<hr/> \$144,445 57
Religious instruction: —		
Catholic,	\$1,200 00	
Jewish,	230 00	
Protestant,	440 00	
		<hr/> 1,870 00
Travel, transportation and office expenses: —		
Advertising,	\$53 05	
Automobiles,	500 00	
Automobile repairs and supplies,	1,695 61	
Postage,	1,137 58	
Printing and binding,	311 55	
Printing annual report,	87 71	
Stationery and office supplies,	2,074 55	
		<hr/>
Amounts carried forward,	\$5,860 05	\$146,315 57

<i>Amounts brought forward,</i>	\$5,860 05	\$146,315 57
Travel, transportation and office expenses — <i>Con.</i>		
Telephone and telegraph,	1,164 65	
Travel, . . . . .	657 64	
Sundries, . . . . .	44 77	
Freight, . . . . .	96 59	
		7,823 70
Food: —		
Butter, . . . . .	\$5,822 65	
Butterine, . . . . .	8,596 14	
Beans, . . . . .	1,450 31	
Bread, crackers, etc., . . . . .	133 47	
Cereals, rice, meal, etc., . . . . .	13,209 38	
Cheese, . . . . .	991 01	
Eggs, . . . . .	4,742 79	
Flour, . . . . .	20,176 36	
Fish (fresh, cured and canned), . . . . .	4,225 86	
Fruit (fresh), . . . . .	1,065 33	
Fruit (dried and preserved), . . . . .	1,234 82	
Lard and substitutes, . . . . .	393 97	
Macaroni and spaghetti, . . . . .	525 46	
Meats, . . . . .	32,686 03	
Molasses and syrups, . . . . .	1,677 49	
Peanut butter, pie filling, etc., . . . . .	246 66	
Potatoes, . . . . .	1,653 08	
Seasonings and condiments, . . . . .	604 67	
Sugar, . . . . .	2,652 94	
Tea, coffee, cocoa, etc., . . . . .	1,379 34	
Vegetables (fresh), . . . . .	310 49	
Vegetables (canned and dried), . . . . .	769 11	
Yeast, baking powder, etc., . . . . .	811 04	
Sundries, . . . . .	365 49	
Freight, . . . . .	3,081 94	
		108,805 83
Clothing and materials: —		
Boots, shoes and rubbers, . . . . .	\$7,918 23	
Clothing (outer), . . . . .	1,997 06	
Clothing (under), . . . . .	1,101 72	
Dry goods for clothing, . . . . .	10,623 22	
Hats and caps, . . . . .	33 52	
Leather and shoe findings, . . . . .	1,240 08	
Machinery for manufacturing, . . . . .	565 05	
Socks and small wares, . . . . .	2,840 27	
Freight, . . . . .	159 83	
		26,478 98
Furnishings and household supplies: —		
Beds, bedding, etc., . . . . .	\$7,969 09	
Carpets, rugs, etc., . . . . .	152 64	
Crockery, glassware, cutlery, etc., . . . . .	892 25	
Dry goods and small wares, . . . . .	519 57	
Fire hose and extinguishers, . . . . .	26 60	
Furniture, upholstery, etc., . . . . .	1,164 64	
<i>Amounts carried forward,</i>	\$10,724 79	\$289,424 08



<i>Amounts brought forward,</i>	\$10,724 79	\$289,424 08
<b>Furnishings and household supplies — <i>Con.</i></b>		
Kitchen and household wares, . . . . .	5,632 45	
Laundry supplies and materials, . . . . .	5,272 37	
Lavatory supplies and disinfectants, . . . . .	520 86	
Machinery for manufacturing, . . . . .	121 52	
Table linen, paper napkins, towels, etc., . . . . .	1,181 87	
Sundries, . . . . .	143 24	
Freight, . . . . .	318 34	
Electric lamps, . . . . .	707 57	
	<hr/>	24,623 01
<b>Medical and general care: —</b>		
Books, periodicals, etc., . . . . .	\$430 86	
Entertainments, games, etc., . . . . .	638 06	
Funeral expenses, . . . . .	636 00	
Gratuities, . . . . .	78 56	
Ice and refrigeration, . . . . .	1,169 30	
Laboratory supplies and apparatus, . . . . .	118 01	
Manual training supplies, . . . . .	132 21	
Medicines (supplies and apparatus), . . . . .	3,279 16	
Medical attendance (extra), . . . . .	853 28	
Return of runaways, . . . . .	120 46	
School books and supplies, . . . . .	280 07	
Tobacco, pipes, matches, . . . . .	2 50	
Water, . . . . .	5,382 38	
Sundries, . . . . .	450 66	
Freight, . . . . .	55 97	
	<hr/>	13,627 48
<b>Heat, light and power: —</b>		
Coal, . . . . .	\$38,121 34	
Freight on coal and other expenses, . . . . .	12,686 99	
Gas, . . . . .	32 50	
Oil, . . . . .	569 53	
Operating supplies for boilers and engines, . . . . .	62 83	
Sundries, . . . . .	44 50	
Freight, . . . . .	9 65	
	<hr/>	51,527 34
<b>Farm and stable: —</b>		
Bedding materials, . . . . .	\$565 96	
Blacksmithing and supplies, . . . . .	899 22	
Carriages, wagons and repairs, . . . . .	725 20	
Dairy equipment and supplies, . . . . .	300 34	
Fencing materials, . . . . .	23 62	
Fertilizers, . . . . .	3,099 09	
Grain, etc., . . . . .	24,479 08	
Hay, . . . . .	6,730 87	
Harnesses and repairs, . . . . .	426 72	
Horses, . . . . .	800 00	
Other live stock, . . . . .	45 00	
Labor (not on pay roll), . . . . .	90 42	
Rent, . . . . .	146 00	
Spraying materials, . . . . .	1,207 87	
Stable and barn supplies, . . . . .	630 85	
	<hr/>	
<i>Amounts carried forward,</i>	\$40,170 24	\$379,201 91

*Amounts brought forward,* . . . . \$40,170 24 \$379,201 91

**Farm and stable — *Con.***

Tools, implements, machines, etc., . . . .	2,038 93	
Trees, vines, seeds, etc., . . . .	2,109 52	
Veterinary services, supplies, etc., . . . .	150 55	
Sundries, . . . .	277 07	
Freight, . . . .	2,676 69	
		<hr/> 47,423 00

**Grounds: —**

Labor (not on pay roll), . . . .	\$71 62	
Tools, implements, machines, etc., . . . .	39 80	
Trees, vines, shrubs, seeds, etc., . . . .	54 75	
Sundries, . . . .	159 52	
Freight, . . . .	17 85	
		<hr/> 343 54

**Repairs, ordinary: —**

Brick, . . . .	\$222 03	
Cement, lime, crushed stone, etc., . . . .	1,444 66	
Electrical work and supplies, . . . .	541 06	
Hardware, iron, steel, etc., . . . .	2,313 60	
Labor (not on pay roll), . . . .	2,760 66	
Lumber, etc. (including finished products), . . . .	1,873 30	
Paint, oil, glass, etc., . . . .	2,171 47	
Plumbing and supplies, . . . .	1,394 56	
Roofing and materials, . . . .	864 37	
Steam fittings and supplies, . . . .	1,175 29	
Tents, awnings, etc., . . . .	18 37	
Tools, machines, etc., . . . .	553 42	
Boilers, repairs, . . . .	4,307 07	
Dynamos, repairs, . . . .	61 37	
Engines, repairs, . . . .	140 80	
Freight, . . . .	628 24	
Machinery repairs, . . . .	67 81	
		<hr/> 20,538 08

Total expenses for maintenance, . . . .	\$447,506 53
Sewage (paid direct by State Treasurer to city of Waltham), . . . .	1,627 00

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\$449,133 53

**SPECIAL APPROPRIATIONS.**

Appropriations for fiscal year, . . . .	\$30,719 41
Expended during the year, . . . .	\$2,913 54
Reverting to treasury of Commonwealth, . . . .	95 25
	<hr/> 3,008 79

Balance Nov. 30, 1918, . . . .	\$27,710 62
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## RESOURCES AND LIABILITIES.

*Resources.*

Cash on hand, . . . . .	\$4,668 63	
November cash vouchers (paid from advance money), account of maintenance, . . . .	15,331 37	
Due from treasury of Commonwealth from available appropriation, account of November, 1918, schedule, . . . . .	19,137 42	
	<hr/>	\$39,137 42

*Liabilities.*

Schedule of November bills, . . . . .	\$39,137 42
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## PER CAPITA.

During the year the average number of inmates has been 1,566.

Total cost for maintenance, \$449,133.53.

Equal to a weekly per capita cost of \$5.6383.

Receipt from sales, \$2,201.59.

Equal to a weekly per capita of \$0.027.

All other institution receipts, \$9,058.87.

Equal to a weekly per capita of \$0.111.

## VALUATION.

Nov. 30, 1918.

## REAL ESTATE.

Land (1,992 acres), . . . . .	\$52,150 00
Buildings, . . . . .	838,141 63
	<hr/>
	\$890,291 63

## PERSONAL PROPERTY.

Travel, etc., . . . . .	\$5,066 36
Food, . . . . .	24,897 76
Clothing, . . . . .	16,827 37
Furnishings, . . . . .	82,164 14
Medical and general care, . . . . .	13,550 75
Heat, light and power, . . . . .	39,548 12
Farm and stable, . . . . .	54,469 55
Grounds, . . . . .	22 54
Repairs, . . . . .	11,992 96
	<hr/>
	\$248,539 55

## SUMMARY.

Real estate, . . . . .	\$890,291 63
Personal property, . . . . .	248,539 55
	<hr/>
	\$1,138,831 18

## LAWS RELATING TO THE MASSACHUSETTS SCHOOL FOR THE FEEBLE-MINDED.

### SPECIAL ACTS, 1918, CHAPTER 106.

AN ACT MAKING APPROPRIATIONS FOR THE MAINTENANCE OF DEPARTMENTS, BOARDS, COMMISSIONS, INSTITUTIONS AND CERTAIN ACTIVITIES OF THE COMMONWEALTH AND FOR INTEREST, SINKING FUND AND SERIAL BOND REQUIREMENTS.

*Be it enacted, etc., as follows:*

For maintenance . . .

Massachusetts School for the Feeble-Minded, a sum not exceeding four hundred twenty-eight thousand two hundred and twenty-five dollars.

For the city of Waltham, rental for sewage disposal, the sum of eight hundred twenty dollars and eighty-nine cents.

*Approved March 28, 1918.*

### RESOLVES, 1918, CHAPTER 50.

RESOLVE TO PROVIDE FOR REPAIRS AND IMPROVEMENTS AT CERTAIN STATE INSTITUTIONS.

*Resolved,* That there be allowed and paid out of the treasury of the commonwealth, from the ordinary revenue, to be expended under the direction of the commission on mental diseases, for repairs and improvements at certain state institutions, the following sums: —

For the Massachusetts School for the Feeble-Minded, a sum not exceeding twenty-nine thousand five hundred dollars, for the following purposes: —

For a concrete hay barn at the Templeton colony, a sum not exceeding thirty-five hundred dollars; for a canning and preserving plant at the Templeton colony, a sum not exceeding one thousand dollars; and for constructing a side track to replace the present coal trestle, a sum not exceeding twenty-five thousand dollars.

*Approved May 2, 1918.*

